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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/662,112	09/12/2003	Russell S. Long	02-2361	9095
8840	7590	05/19/2005	EXAMINER	
ECKERT SEAMANS CHERIN & MELLOTT, LLC			PATEL, KIRAN B	
ALCOA TECHNICAL CENTER			ART UNIT	
100 TECHNICAL DRIVE			PAPER NUMBER	
ALCOA CENTER, PA 15069-0001			3612	

DATE MAILED: 05/19/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/662,112

Applicant(s)

LONG ET AL.

Examiner

Kiran B. Patel

Art Unit

3612

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 April 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-26 is/are pending in the application.
- 4a) Of the above claim(s) 9-13 and 15-25 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-8, 14, 26 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Non-Final Rejection

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

1. Claim(s) 1-8, 14, 26, as best understood, are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim(s), elected for prosecution, are confusing and are not clear because claimed limitations, (Claim(s) 1, each of the side rails having an exterior surface and an interior surface, the interior surface of the side rail having a channel that extends substantially along the entire length of the side rail, the channel is adapted to receive a substantially vertically extending stiffener member), are limitations not shown in the elected figures and/or lacks support in the specification and therefore fails to particularly point out and distinctly claim the subject matter which applicant regards as the invention. These limitations must be

shown or the feature(s) canceled from the claim(s). Applicant is requested to go through the whole application and ensure that the claimed matter has been described in the specification and shown in the drawing in such a way as to convey to one skilled in the art that the inventor(s), at the time the application was filed, had possession of the claimed invention. Correction is required.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-8, 14, 26, as best understood, are rejected under 35 U.S.C. 103(a) as being unpatentable over Pringnitz (6,796,603) in view of Hanni et al. (5,287,813) and Taul (4,136,985).

Regarding claims 1-8, 14, 26, as best understood, Pringnitz (6,796,603) discloses the invention as claimed to include a frame assembly 14 comprising a top rail, a bottom rail, and a pair of side rails connecting the top and bottom rails, the frame assembly defining a rectangular shape and having an exposed side facing

outward from the trailer body when the rear case assembly is attached to the trailer body and an internal side configured to be attached to the trailer body 10; a light guard assembly (Fig 1) attached to the bottom rail on the exposed side of the frame assembly 14, the light guard assembly comprising a pair of light guard members and a bumper member (Fig 1) connecting the light guard members, the light guard members each defining at least one light-receiving socket; a pair of stiffener members attached (Fig 1) to the side rails, respectively, on the exposed side of the frame assembly for increasing the strength of the side rails.

However, Pringnitz (6,796,603) does not disclose extruded aluminum rails and a pair of reinforcing plates.

Hanni et al. (5,287,813) discloses in Fig 1-3 extruded aluminum rails.


Taul (4,136,985) discloses in Fig 1 a pair of reinforcing plates.

Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the invention, as disclosed by Pringnitz (6,796,603), to include extruded aluminum rails, as disclosed by Hanni et al. (5,287,813) and a pair of reinforcing plates, as disclosed by Taul (4,136,985), to optimize the weight and the strength of the frame for better fuel efficiency.

Conclusion

3. The prior art made of record in attached Notice of Reference Cited (PTO-892) and not relied upon is considered pertinent to applicant's disclosure. This art of record shows various features similar to the applicant's invention.

4. Any inquiry concerning this communication or earlier communications should be directed to Primary Examiner Kiran B. Patel whose telephone number is 571-272-6665. The examiner can normally be reached on M-F from 8:00 to 5:00. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.


Kiran B. Patel, P. E.
Primary Examiner
Art Unit 3612
May 10, 2005